

**BHAUPUR – KHURJA SECTION OF EASTERN DEDICATED FREIGHT CORRIDOR SYSTEM WORKS: CONTRACT PACKAGE - CP 104**  
**RESPONSES OF PRE-BID QUERIES OF THE BIDDERS**

S. No.	Reference to Bidding Document (Consisting of Part, Section, Volume, Reference Clause, Page no. etc.)	As Per Tender	Clarification sought by the Bidders	DFCC's Response
858		<p>For all buildings the height from finished floor level to ceilings is given as 4200mm / 3500 mm etc</p> <p>The elevation drawing shows the level is from" finished floor level to finished floor level of the next floor level"</p>	Kindly clarify which dimension is to be adopted	The drawings are indicative only. The provisions in the Bidding Documents (Clause 2.7 (7) & (18) of Part 2, Section VI, Volume 5) shall prevail.
859	Station building for junction stations – GC/DFCC/JS/101	Rest Rooms	Kindly indicate the capacity of the number of persons for whom the rest facilities are to be provided to help us plan these areas in an economical manner.	The indicative sizes have been shown in the Drawings. Each rest room shall be provided to accommodate approximately 5 persons. However, a minimum size of the rest room shall not be less than indicated in the drawing.
860	Part 2, Section VI, Volume 5, Page 125	Matrix of required facilities at various locations as per attachment 15.4 on p.no125/141 it is stated that. Relevant portion to be Air Conditioned	Kindly indicate the rooms to be air-conditioned.	Please refer Addendum 3 (S.No. 175).
861	GC/DFCC/JS/201	Station building for crossing stations. Relevant portion to be Air Conditioned	(i) Kindly indicate the rooms to be air-conditioned	(i) Please refer Addendum 3 (S.No. 175). (ii) The indicative sizes have been shown

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		Rest Rooms	(ii) Kindly indicate the capacity of the number of persons for whom the rest facilities are to be provided to help us plan these areas in an economical manner.	in the Drawings. Rest room shall be provided to accommodate approximately 5 persons. However, a minimum size of the rest room shall not be less than indicated in the drawing.
862	GC/DFCC/JS/301	Integrated Maintenance Depot(IMD)	Details of the open yard(paved area) and Elevation drawings to be provided	The indicative floor plan has been provided. The Bidder shall develop Elevation Plan.
863	GC/DFCC/JS/401	Integrated Maintenance Sub-Depot(IMSD)	(i)Details of the paved area (ii) Details of work area (iii) Whether the work area is covered or uncovered	The indicative floor plan has been provided. The Bidder shall develop Elevation Plan considering Employer's Requirement mentioned in Part 2, Section VI, Volume 5-PS Building Structures including E & M.
864	GC/DFCC/JS/501	Tower Wagon shed for 8 wheelers	(i) Capacity of the sump to be given  (ii) Ceiling height of oil and petrol room to be given	(i) Being design and Build contract, the detail design is to be carried out by the contractor and approved by the Engineer.  (ii) Please refer Para 2.7 (7) of Part 2, Section VI, Volume 5 ,PS-Building & Structures including E & M.

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865	GC/DFCC/JS/601 to 604	Offices & Operation control center	<p>(i) Whether canteen to be provided HVAC</p> <p>(ii) Flooring details to be furnished</p> <p>(iii) Elevation details to be given</p>	<p>(i) Please refer Part 2, Section VI, Volume 5, Chapter 15. The requirement for HVAC is for the complete OCC Building including offices, canteens etc.</p> <p>(ii) Flooring details has been given in Part 2, Section VI, Volume 5 of Bidding Document</p> <p>(iii) The Bidder shall develop Elevation Plan considering Employer's Requirement mentioned in Part 2, Section VI, Volume 5 of Bidding Document, Building and Structures.</p>
866	GC/DFCC/QRTS/701, 702 & 703	Staff Quarters	Please confirm whether quantity indicated is for individual no. of quarters or for no. of blocks.	The quantity indicated is for number of quarters.
867	Part 2, Section VI, Volume 2, Clause 6.1.1, Page 36	Conceptual schematic power supply arrangement diagrams of typical TSS/SSP/SP are furnished in the reference drawings (Part 4) – [TSS - DFC/EC/BH-KH/TR-02, SSP- DFC/EC/BH-KH/TR-03, SP-	We understand that the drawings provided for SP/SSP are conceptual only for guidance. Contractor has to develop and propose SP/SSP scheme/SLD to meet the performance requirements as stated in the Tender	The schematic diagrams of SP/SSP given in Part 4 - Reference Document are indicative. Bidders may propose scheme(s) with improved performance, meeting with all other requirements of the specification/Bid Document.

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		DFC/EC/BH-KH/TR-04)]. Based on the conceptual schematic drawings, the Contractor may review, improve layouts/ arrangements to effect space saving.	document.	
868	Part 2, Section VI, Volume 2, Clause 6.1.1, Page 36	Conceptual schematic power supply arrangement diagrams of typical TSS/SSP/SP are furnished in the reference drawings (Part 4) – [TSS - DFC/EC/BH-KH/TR-02, SSP-DFC/EC/BH-KH/TR-03, SP-DFC/EC/BH-KH/TR-04)]. Based on the conceptual schematic drawings, the Contractor may review, improve layouts/ arrangements to effect space saving.	<p>There are many alternative schemes existing in the field of 2 x 25kV systems which are proven and have techno-commercial advantages for the specific projects. The proposed scheme is one of the ways of implementation of the system.</p> <p>We understand that the drawings provided for SP/SSP are conceptual only for guidance.</p> <p>We request you to allow the Contractor to develop and propose SP/SSP scheme to meet the performance requirements as stated in the Tender document.</p>	Please refer reply to query no. 867.
869	Part 2, Section VI, Volume 2, Clause 6.9.1, Page 44	The Contractor shall define the philosophy and furnish a scheme of protection with fast discrimination and reliable operation based on	The experience in the Europe, China has demonstrated that the fault location based on the method of impedance calculation provides a	Please refer Addendum 8 (S.No. 257 to 262).

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	Part 2, Section VI, Volume 2, Clause 6.1.2 (p), Page 37	<p>latest state-of-the-art computerized logic protection scheme. All types of faults on overhead equipment covering faults among conductors for 25 kV feeder, OHE, and earth shall be identified, to facilitate isolation and location (within <math>\pm 100\text{m}</math> accuracy) and fault locator differential protection for transformer and the distance protection with at least three zones with back up protection shall be provided for feeders. The traction switchgear and cables / feeders on supply side and the Catenary on railway side must have sufficient protection. It shall have over current protection for traction feed transformers with inverse definite time relays set to the rated load, earth fault protection, Bucholtz relays, winding and coolant temperature detection under normal and extended feed condition.</p> <p>Automatic Fault Locator working on AT Neutral Current Sensing</p>	<p>good accuracy and reliability into the system.</p> <p>Further we have understood that the level of accuracy requested in the specification is not possible to be achieved by the means of fault location available globally.</p> <p>We therefore, request you to open up the specifications for impedance based fault locations and to define a desired level of accuracy @ 3% which is a global practice.</p>	